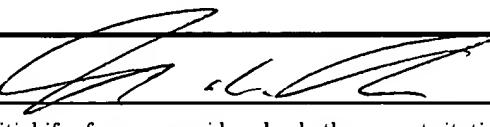


FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)	Attorney Docket Number	36794/CAG/B600
	Application Number	09/654,376
	Filing Date	September 1, 2000
	Applicant(s)	Onur Tackin
	Group Art Unit	To be assigned 2663
	Examiner Name	To be assigned D Ferris

U.S. PATENT DOCUMENTS						
EXAMINER INITIALS	DOCUMENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS						
EXAMINER INITIALS	DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION
						YES NO

OTHER DOCUMENTS						
EXAMINER INITIALS	Include name of the author (in CAPITAL LETTERS), title of the article, title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.					
OK	PANOS E. PAPAMICHALIS, Practical Approaches To Speech Coding, pamphlet, 1992, Texas Instruments, Inc., Rice University, pages 163-167					

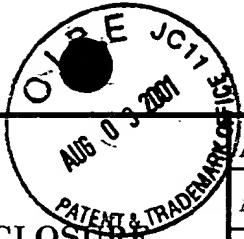
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STATEMENT BY APPLICANT**
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Attorney Docket Number	36794/CAG/B600
Application Number	09/654,376
Filing Date	September 1, 2000
Applicant(s)	Onur Tackin
Group Art Unit	2645 2663
Examiner Name	To be assigned D Feris

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EXAMINER INITIALS	DOCUMENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
DW	5,970,441	10/1999	Mekuria	704	207	—

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EXAMINER INITIALS	DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
DW	WO 97/28628	08/1997	WIPO	—	—	—	—

OTHER DOCUMENTS

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FORM PTO/SB/08A/B (10-01)
Substitute for PTO-1449A/B



Attorney Docket Number **36794/PAN/B600**

Application Number **09/654,376**

Filing Date **September 1, 2000**

Applicant(s) **Onur Tackin**

Group Art Unit **2645 2663**

Examiner Name **To be Assigned**

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STATEMENT BY APPLICANT**

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U.S. PATENT DOCUMENTS

Technology Center 2600

EXAMINER INITIALS	Cite No. ¹	DOCUMENT NUMBER Number - kind code ² . (If known)	PUBLICATION DATE MM-DD-YYYY	NAME OF PATENTEE
DWF	-	4,285,060	08-18-1981	Cobb et al.
	-	4,617,676	10-14-1986	Jayant et al.
	-	5,119,322	06-02-1992	Stroobach
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	-	5,793,498	08-11-1998	Scholl et al.
↓	-	5,818,929	10-06-1998	Yaguchi
DWF	-	5,852,630	12-22-1998	Langberg et al.

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**INFORMATION DISCLOSURE
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Attorney Docket Number	36794/PAN/B600
Application Number	09/654,376
Filing Date	September 1, 2000
Applicant(s)	Onur Tackin
Group Art Unit	2645
Examiner Name	To be Assigned

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U.S. PATENT DOCUMENTS

EXAMINER INITIALS	Cite No. ¹	DOCUMENT NUMBER Number - kind code ² . (If known)	PUBLICATION DATE MM-DD-YYYY	NAME OF PATENTEE Technology Center 2600
DW	-	5,859,671	01-12-1999	Kim
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↓	-	6,233,226 B1	05-15-2001	Gringeri et al.
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EXAMINER INITIALS	Cite No. ¹	Foreign Patent Document Country Code ³ - Number ⁴ - Kind Code ⁵ (If known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	T ⁶ (✓)
DW	-	WO 97/26753 A1	07-24-1997	I-Link Worldwide, Inc.	-

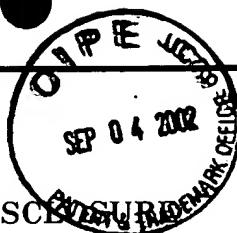
OTHER DOCUMENTS

EXAMINER INITIALS	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article, title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
DW	-	R. W. LUCKY, <i>QAM Receiver I. General Description of Complete Receiver Block Diagram and Details of the Symbol Clock Recovery and Other Front-End Subsystems</i> , Applications of Communications Theory, Chapter 13, pages 127-135, Bellcore

EXAMINER SIGNATURE		DATE CONSIDERED	9/25/04
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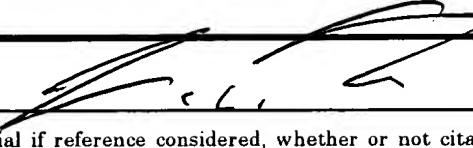
FORM PTO/SB/08A/B (10-01)
Substitute for PTO-1449A/B



INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)	Attorney Docket Number	36794/PAN/B600
	Application Number	09/654,376
	Filing Date	September 1, 2000
	Applicant(s)	Onur Taskin
	Group Art Unit	2645
	Examiner Name	To be Assigned Technology Center 2600 RECEIVED SEP 05 2002

OTHER DOCUMENTS

EXAMINER INITIALS	CITE NO. ¹	Include name of the author (in CAPITAL LETTERS), title of the article, title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
DW	-	R. W. LUCKY, <i>QAM Receiver II. The Passband Adaptive Equalizer and Carrier Recovery System</i> , Applications of Communications Theory, Chapter 14, Pages 137-151, Bellcore
	-	EDWARD A. LEE et al., <i>Adaptive Equalization</i> , Digital Communication, Chapter 9, pages 371-402
	-	EDWARD A. LEE et al., <i>Timing Recovery</i> , Digital Communication, Chapter 15, Pages 560-582
	-	WILLIAM WEBB et al., <i>Basic Equaliser Techniques</i> , Modern Quadrature Amplitude Modulation, Principles and Applications for Fixed and Wireless Communications, IEEE Press, New York, Chapter 7, Pages 197-211
	-	MIKE GRAY, <i>FAX Technology Tutorial and Testing Issues</i> , Agilent Technologies, © 2000, pages 1-20
	-	<i>FAX Over IP Opportunities and Options</i> , Natural MicroSystems, 7 sheets
	-	EIA/TIA-464-B, Requirements for Private Branch Exchange (PBX) Switching Equipment, "6 Signaling Requirements, 6.1 Network Signaling - Analog," pages 140-146
	-	MAN MOHAN SONDHI et al., <i>Silencing Echoes on the Telephone Network</i> , Proceedings of the IEEE, © August 1980, Vol. 68, No. 8, pages 948-963
	-	JOHN G. PROAKIS, <i>Digital Signaling Over a Channel With Intersymbol Interference</i> , Digital Communications, ISBN 0-07-05097-1, © 1983, Pages 357-381, McGraw-Hill, Inc.
	-	BELL COMMUNICATIONS RESEARCH, <i>Dual-Tone Multifrequency Receiver Generic Requirements for End-to-End Signaling Over Tandem-Switched Voice Links</i> , © March 1987, Technical Reference TR-TSY-000181 Issue 1, 11 sheets
↓	-	BELL COMMUNICATIONS RESEARCH, <i>Impulse Noise Tape No. 201</i> , Technical Reference TR-TSY-000762 Issue 1, © July 1987, 4 sheets
DW	-	BELL COMMUNICATIONS RESEARCH, <i>Digit Simulation Test Tape</i> , Technical Reference TR-TSY-000763 Issue 1, © July 1987, 6 sheets

EXAMINER SIGNATURE		DATE CONSIDERED	9/25/07
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FORM PTO/SB/08A/B (10-01) Substitute for PTO-1449A/B	Attorney Docket Number	36794/PAN/B600
SEP 04 2002		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		
(use as many sheets as necessary)	Application Number	09/654,376
	Filing Date	September 1, 2000
	Applicant(s)	Onur Taskin
	Group Art Unit	2645
	Examiner Name	RECEIVED SEP 05 2002 To be Assigned Technology Center 2600

OTHER DOCUMENTS

EXAMINER INITIALS	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article, title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
DW	-	JOHN A.C. BINGHAM, <i>Timing Recovery, The Theory and Practice of Modem Design</i> , © 1988, Chapter 7, pages 189-236, John Wiley & Sons, Inc.
	-	JOHN A.C. BINGHAM, <i>Linear Adaptive Equalizers, The Theory and Practice of Modem Design</i> , © 1988, Chapter 8, pages 237-252, John Wiley & Sons, Inc.
	-	INTERNATIONAL TELECOMMUNICATION UNION, ITU-T Telecommunication Standardization Sector of ITU, General Aspects of Digital Transmission Systems, Terminal Equipments, <i>Pulse Code Modulation (PCM) of Voice Frequencies</i> , ITU-T Recommendation, G. 711; © ITU 1988, 1993; 8 sheets
	-	INTERNATIONAL TELECOMMUNICATION UNION, ITU-T Telecommunication Standardization Sector of ITU, Transmission Systems and Media, Apparatus Associated With Long-Distance Telephone Circuits and Other Terminal Equipments, <i>Echo Suppressors</i> , ITU-T Recommendation, G. 164; © ITU 1988, 1993; 36 sheets
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DR	-	INTERNATIONAL TELECOMMUNICATION UNION, ITU-T Telecommunication Standardization Sector of ITU, General Recommendations on Telephone Switching and Signalling, International Automatic and Semi-Automatic Working, <i>Multifrequency Push-button Signal Reception</i> , ITU-T Recommendation, Q. 24, © ITU 1988, 1993, 7 sheets

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FORM PTO/SB/08A/B (10-01) Substitute for PTO-1449A/B INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)	Attorney Docket Number	36794/PAN/B600
	Application Number	09/654,376
	Filing Date	September 1, 2000
	Applicant(s)	Onur Tackin
	Group Art Unit	2645
	Examiner Name	RECEIVED SEP 05 2002 To be Assigned Technology Center 2600

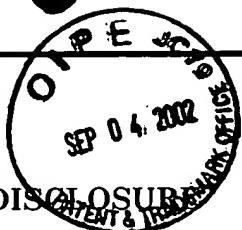
OTHER DOCUMENTS

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DW-	-	INTERNATIONAL TELECOMMUNICATION UNION, ITU-T Telecommunication Standardization Sector of ITU, Data Communication Over the Telephone Network, <i>300 Bits Per Second Duplex Modem Standardized For Use in The General Switched Telephone Network</i> , ITU-T Recommendation V. 21; © ITU 1988, 1993; 7 sheets
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↓	-	FUYUN LING et al., <i>Convergence and Steady-State Behavior of a Phase-Splitting Fractionally Spaced Equalizer</i> , IEEE Transactions on Communications, © April 4, 1990, Vol. 38, No. 4, pages 418-425, IEEE
DW.	-	PAUL FISCHER, <i>State Machines In C</i> , The C Users Journal, December 1990, pages 119-122

EXAMINER SIGNATURE		DATE CONSIDERED	9/24/04
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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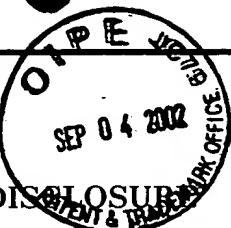
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DV	-	INTERNATIONAL TELECOMMUNICATION UNION, CCITT The International Telegraph and Telephone Consultative Committee, Data Communication Over the Telephone Network, <i>Data Compression Procedures For Data Circuit Terminating Equipment (DCE) Using Error Correction Procedures</i> , ITU-T Recommendation, V.42 bis; © ITU 1990; 29 sheets
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DV	-	DENNIS R. MORGAN et al., AT & T Bell Laboratories; <i>A Multi-Tone Pseudo-Cascade Filtered-X LMS Adaptive Notch Filter</i> , Proceeding of the IEEE International Conference in Acoustic Speech and Signal Processing, ICASSP 91, Vol. 3 D, May 1991, Toronto, Ontario, Canada, pages 2093-2096

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FORM PTO/SB/08A/B (10-01)
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INFORMATION DISCLOSURE STATEMENT & TRADEMARK OFFICE
STATEMENT BY APPLICANT

(use as many sheets as necessary)

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Group Art Unit	2645
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RJL	-	JAMES THI et al., AT & T Bell Laboratories; <i>A Broadband Pseudo-Cascade Active Control System</i> , Proceeding of the IEEE International Conference in Acoustic Speech and Signal Processing; © 1992 IEEE; pp. II-233-II-236
	-	INTERNATIONAL TELECOMMUNICATION UNION, ITU-T Telecommunication Standardization Sector of ITU; General Aspects of Digital Transmission Systems; Terminal Equipments, <i>Coding of Speech at 16 kbit/s Using Low-delay Code Excited Linear Prediction</i> , Recommendation G. 728; 09/1992, 65 sheets
	-	DENNIS R. MORGAN et al., AT & T Bell Laboratories, <i>A Multitone Pseudocascade Filtered-X LMS Adaptive Notch Filter</i> , IEEE Transactions on Signal Processing, Vol. 41, No. 2; © February 1993; pages 946-956
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	-	INTERNATIONAL TELECOMMUNICATION UNION, Data Communication Over The Telephone Network, <i>A Family Of 2-Wire, Duplex Modems Operating At Data Signalling Rates Of Up To 9600 bit/s For Use On The General Switched Telephone Network And On Leased Telephone-Type Circuits</i> , ITU-T Recommendation V.32; © 1993; 26 sheets
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		Application Number	09/654,376
		Filing Date	September 1, 2000
		Applicant(s)	Onur Tackin
		Group Art Unit	2645 RECEIVED
(use as many sheets as necessary)		Examiner Name	To be Assigned <i>SEP 05 2002</i>

OTHER DOCUMENTS			Technology Center 2600
EXAMINER INITIALS	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article, title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	
<i>Dar</i>	-	INTERNATIONAL TELECOMMUNICATION UNION, ITU-T Telecommunication Standardization Sector of ITU; Data Communication Over The Telephone Network, <i>A Modem Operating At Data Signalling Rates Of Up To 28 800 bit/s For Use On The General Switched Telephone Network And On Leased Point-To-Point 2-Wire Telephone-Type Circuits</i> , ITU-T Recommendation V.34; © ITU 1994; 43 sheets	
	-	INTERNATIONAL TELECOMMUNICATION UNION ITU-T Telecommunication Standardization Sector of ITU, General Aspects of Digital Transmission Systems, <i>Coding of Speech at 16 kbit/s Using Low-Delay Code Excited Linear Prediction</i> , Annex G: 16 kbit/s Fixed Point Specification, ITU-T Recommendation G.728 - Annex G; © ITU 1995; 67 sheets	
	-	IEEE; IEEE Standards for Local and Metropolitan Area Networks: Supplement to Carrier Sense Multiple Access with Collision Detection (CSMA/CD) Access Method and Physical Layer Specifications, "Media Access Control (MAC) Parameters, Physical Layer, Medium Attachment Units, and Repeater for 100 Mb/s Operation, Type 100BASE-T (Clauses 21-30); © 1995; 408 sheets	
	-	DENNIS R. MORGAN et al., <i>A Delayless Subband Adaptive Filter Architecture</i> , IEEE Transactions on Signal Processing; Vol. 43, No. 8; © August 1995, pages 1819-1830	
↓	-	Internet Papers: SCHULZRINNE H.; <i>RTP Profile for Audio and Video Conferences with Minimal Control</i> , Network Working Group Request for Comments: 1890; http://www.cis.ohio-state.edu/cgi-bin/rfc/rfc1890.html ; January 1996; 15 sheets	
<i>Dar</i>	-	INTERNATIONAL TELECOMMUNICATION UNION, ITU-T Telecommunication Standardization Sector of ITU, General Aspects of Digital Transmission Systems, <i>Dual Rate Speech Coder For Multimedia Communications Transmitting at 5.3 and 6.3 kbit/s</i> ; ITU-T Recommendation G. 723.1; © ITU 1996; 31 sheets	

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Substitute for PTO-1449A/B



INFORMATION DISCLOSURE

STATEMENT BY APPLICANT

(use as many sheets as necessary)

Attorney Docket Number **36794/PAN/B600**

Application Number **09/654,376**

Filing Date **September 1, 2000**

Applicant(s) **Onur Tackin**

Group Art Unit **2645** **RECEIVED**

Examiner Name **To be Assigned** **SEP 05 2002**

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DW	-	INTERNATIONAL TELECOMMUNICATION UNION ITU-T Telecommunication Standardization Sector of ITU, General Aspects of Digital Transmission Systems, <i>Coding of Speech at 8 kbit/s Using Conjugate-Structure Algebraic-Code-Excited Linear-Prediction (CS-ACELP)</i> ; ITU-T Recommendation G.729; © ITU 1996; 38 sheets
	-	BELLCORE Bell Communication Research, Generic Requirements GR-506-CORE, <i>LSSGR: Signaling for Analog Interfaces</i> , (A Module of LSSGR, FR-64); Issue 1; © June 1996; 240 sheets
	-	INTERNATIONAL TELECOMMUNICATION UNION, ITU-T- Telecommunication Standardization Sector of ITU, Series T: Terminal Equipments and Protocols for Telematic Services, <i>Procedures for Document Facsimile Transmission in the General Switched Telephone Network</i> , ITU-T Recommendation T. 30; © ITU 1997; 74 sheets
	-	INTERNATIONAL TELECOMMUNICATION UNION, ITU-T Telecommunication Standardization Sector of ITU, Series T: Terminal Equipments and Protocols for Telematic Services, <i>Standardization of Group 3 Facsimile Terminals for Document Transmission</i> , ITU-T Recommendation T. 4; © ITU 1997; 61 sheets
	-	INTERNATIONAL TELECOMMUNICATION UNION, ITU-T Telecommunication Standardization Sector of ITU, Series G: Transmission Systems and Media, Digital Transmission Systems - Terminal Equipments - Coding of Analogue Signals By Methods Other Than PCM, <i>Dual Rate Speech Coder for Multimedia Communications Transmitting at 5.3 and 6.3 kbit/s, Annex A: Silence Compression Scheme</i> ; ITU-T Recommendation G.723.1 - Annex A; © ITU 1997; 22 sheets
DW	-	INTERNATIONAL TELECOMMUNICATION UNION, ITU-T Telecommunication Standardization Sector of ITU, Series G: Transmission Systems and Media, Digital Transmission Systems - Terminal Equipments - Coding of Analogue Signals by Methods Other Than PCM, "Coding of Speech at 8 kbit/s Using Conjugate Structure Algebraic-Code-Excited Linear-Prediction (CS-ACELP)", Annex B: A Silence Compression Scheme For G.729 Optimized for Terminals Conforming to Recommendation V.70, ITU-T Recommendation G.729 - Annex B; © ITU 1997; 23 sheets

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FORM PTO/SB/08A/B (10-01) Substitute for PTO-1449A/B	Attorney Docket Number	36794/PAN/B600
SEP 04 2002 PATENT & TRADEMARK OFFICE		
INFORMATION DISCLOSURE	Application Number	09/654,376
STATEMENT BY APPLICANT	Filing Date	September 1, 2000
(use as many sheets as necessary)	Applicant(s)	Onur Tackin
	Group Art Unit	2645
	Examiner Name	RECEIVED SEP 05 2002 To be Assigned Technology Center 2000

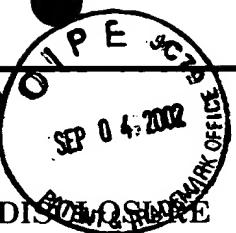
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DL	-	INTERNATIONAL TELECOMMUNICATION UNION, ITU-T Telecommunication Standardization Sector of ITU, Series G: Transmission Systems and Media, Digital Transmission Systems - Terminal Equipments - Coding of Analogue Signals by Methods Other Than PCM, <i>Coding of Speech at 8 kbit/s Using Conjugate Structure Algebraic-Code-Excited Linear-Prediction (CS-ACELP) Annex A: Reduced Complexity 8 kbit/s CS-ACELP Speech Codec</i> , ITU-T Recommendation G.729 - Annex A; © ITU 1997; 15 sheets
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Filing Date **September 1, 2000**

Applicant(s) **Onur Tackin**

Group Art Unit **2645 RECEIVED**

Examiner Name **To be Assigned**

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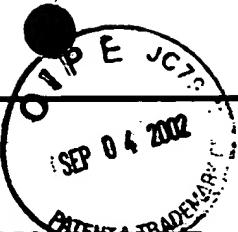
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<i>OT</i>	-	INTERNATIONAL TELECOMMUNICATION UNION, ITU-T Telecommunication Standardization Sector of ITU, Series V: Data Communication Over The Telephone Network, <i>A Modem Operating at Data Signalling Rates of up to 33 600 bit/s for Use on the General Switched Telephone Network and on Leased Point-to-Point 2-Wire Telephone-Type Circuits</i> ; ITU-T Recommendation V. 34; © ITU 1998; 78 sheets
	-	INTERNATIONAL TELECOMMUNICATION UNION, ITU-T Telecommunication Standardization Sector of ITU, SERIES T: TERMINALS FOR TELEMATIC SERVICES, <i>Procedures for Real Time Group 3 Facsimile Communication Over IP Networks</i> , ITU-T Pre-published Recommendation T. 38; © ITU 1998; 32 sheets
	-	INTERNATIONAL TELECOMMUNICATION UNION, ITU-T Telecommunication Standardization Sector of ITU, Series V: Data Communication Over the Telephone Network, Simultaneous Transmission of Data and Other Signals, <i>A Digital Modem and Analogue Modem Pair For Use on the Public Switched Telephone Network (PSTN) at Data Signalling Rates of up to 56 000 bit/s Downstream and up to 33 600 bit/s Upstream</i> , ITU-T Recommendation V. 90; © ITU 1999; 49 sheets
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↓	-	INTERNATIONAL TELECOMMUNICATION UNION, ITU-T Telecommunication Standardization Sector of ITU, Series I: Integrated Services Digital Network, Overall Network Aspects and Functions - Protocol Layer Requirements, <i>AAL Type 2 Service Specific Convergence Sublayer For Trunking</i> ; ITU-T Recommendation I.366.2; © ITU 1999; 96 sheets
<i>DT</i>	-	INTERNATIONAL TELECOMMUNICATION UNION, ITU-T Telecommunication Standardization Sector of ITU, Series G: Transmission Systems and Media, Digital Systems and Networks, <i>Automatic Level Control Devices</i> ; ITU-T Recommendation G.169; © ITU 1999; pages 1-52

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Application Number **09/654,376**

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Applicant(s) **Onur Tackin**

Group Art Unit **2645** **RECEIVED**

Examiner Name **To be Assigned** **SEP 05 2002**

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DW	-	Internet Papers: SCHULZRINNE et al.; <i>RTP Payload for DTMF Digits, Telephony Tones and Telephony Signals</i> ; Network Working Group Request for Comments: 2833; © The Internet Society 2000; 31 sheets
AL	-	INTERNATIONAL TELECOMMUNICATION UNION, ITU-T Telecommunication Standardization Sector of ITU, Series G: Transmission Systems and Media, Digital Systems and Networks, International Telephone Connections and Circuits - Apparatus Associated With Long-Distance Telephone Circuits, <i>Digital Network Echo Cancellers</i> ; ITU-T Recommendation G. 168; © ITU 1997; 95 sheets
JM	-	ETSI EN 300 973, GLOBAL SYSTEM FOR MOBILE COMMUNICATIONS, <i>Digital cellular telecommunications system (Phase 2+); Half rate speech; Voice Activity Detector (VAD) for half rate speech traffic channels</i> ; GSM 06.42 version 8.0.1 Release 1999; © 2000; pages 1-22

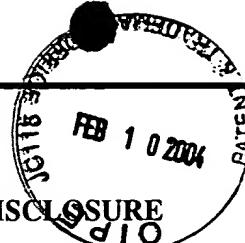
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INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

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Attorney Docket Number	36794/RRT/B600
Application Number	09/654,376
Filing Date	September 1, 2000
Applicant(s)	Onur Tackin
Group Art Unit	2645 2663
Examiner Name	Not Yet Assigned D Ferri

U.S. PATENT DOCUMENTS

EXAMINER INITIALS	Cite No. ¹	DOCUMENT NUMBER Number - Kind Code ² (If Known)	PUBLICATION DATE MM-DD-YYYY	NAME OF PATENTEE
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FOREIGN PATENT DOCUMENTS

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